AMENDMENTS TO THE CLAIMS

1. – 3. Cancelled.

4. (Previously Presented) A method of distributing media data to a client computer via a network from a host computer, the method comprising:

receiving a data request at the host computer from a client computer via the network;

launching a module on the client computer;

receiving a client computer specific parameter from the module on the client computer; and

streaming media data to the client computer from the host computer via the network according to the client computer specific parameter.

5. (Previously Presented) The method of distributing media data according to Claim 4, wherein said client computer specific parameter comprises the processing capability of the client computer.

6. (Previously Presented) The method of distributing media data according to Claim 5, wherein said streaming media data is at a rate compatible with the processing capability of the client computer.

7. (Previously Presented) The method of Claim 6, wherein the media data stream is sent to the client computer while another media data stream is sent to another client at an independent rate.

8. (Previously Presented) The method of Claim 4, wherein the client computer specific parameter is selected from the group consisting of video source selection, audio source selection, audio and video source selection, frame rate, compression level, image resolution, image brightness, image contrast, and image view.

9. (Previously Presented) The method of Claim 4, wherein the client computer is selected from the group consisting of a microprocessor- or processor-controlled device or system that permits access to a network, including a terminal device, such as a personal computer, a workstation, a server, a client, a mini-computer, a main-frame computer, a laptop computer, a network of individual computers, a mobile computer, a palm-top computer, a hand-held computer, a set top box for a television, an

interactive television, an interactive kiosk, a personal digital assistant, an interactive wireless communications device, and a mobile browser.

10. (Previously Presented) The method of Claim 4, wherein the media data comprises audio data.

11. (Previously Presented) The method of Claim 4, wherein the media data comprises video data.

12. (Previously Presented) The method of Claim 4, wherein the media data comprises video and audio data.

13. (Previously Presented) The method of Claim 4, further comprising:

launching a delay monitoring module on the client computer;

detecting a changed multimedia data stream transmission at the client computer;

sending a request via a network to a host computer requesting a changed multimedia data stream rate transmission;

sending a client computer specific parameter to the host computer via the network; and

sending a media data stream to the client computer via the network according to the client specific parameter.

14. (Previously Presented) The method of Claim 13, wherein detecting the media data stream transmission change occurs at a regular interval.

15. (Previously Presented) The method of Claim 13, wherein detecting the media data stream occurs at a specific departure from a current transmission rate.

16. (Previously Presented) The method of Claim 13, wherein the media data stream is sent to the client computer while another media data stream to another client is sent at an independent rate.

17. (Previously Presented) The method of Claim 4, wherein the media data includes a video image, and further comprising:

selecting a region of the video image to view on the client computer;

sending a request to the host computer via the network requesting transmittal of data corresponding to the selected region of the video image; and

sending data to the client computer via the network corresponding to the selected region of the video image.

18. (Previously Presented) The method of Claim 17, wherein successive regions are selected and viewed permitting panning.

19. (Previously Presented) The method of Claim 4, further comprising updating a dynamic domain name system (DNS) by a host with a dynamic IP address comprising a process of:

connecting the host to the network;

determining if the host has a new IP address;

checking for a subsequent IP address change at regular intervals; and

if the host has a new IP address, then:

sending a request to a DNS server to update the IP address; and

sending to the host updated status from the DNS server.

20. (Previously Presented) The method of Claim 19, wherein the DNS server provides the client computer with an updated IP address.

21. (Previously Presented) The method of Claim 19, wherein the host computer specifies a schedule of availability to the DNS server.

22. (Previously Presented) The method of Claim 19, wherein the DNS host server directs the client to a message website posting the host's schedule, if the host is unavailable.

23. (Previously Presented) The method of Claim 19, wherein the DNS host server monitors when the host is connected to the network and when the host is not connected the DNS host server refers the client to a message website posting the host's schedule.

24. (Previously Presented) The method of Claim 4, further comprising video motion detection, which detection is determined on a block level, by the process comprising:

receiving a video image;

subdividing the video image into a grid of blocks;

processing every block from the grid of blocks according to the following:

determining a cross correlation by comparing an individual block from a current grid of blocks with a corresponding individual block from a previous grid of blocks;

if the cross correlation is below a predetermined correlation threshold level, then:

calculate the variance in the brightness of the block over the corresponding block of the previous image;

if the variance in the brightness is above a variance threshold, then mark the block as having motion;

if the variance in the brightness is below the variance threshold, then mark the block as not having motion;

if the cross correlation is above the predetermined threshold level, then mark the block as not having motion; and

repeating the processing until video motion detection is determined for every block in the grid.

25. (Amended) The method of Claim 4, <u>further comprising video motion detection</u> wherein motion detection is determined on a frame level comprising:

obtaining a reference video frame;

obtaining a current video frame;

determining motion detection on a block level comparing the current video frame to the reference video frame such that a number of blocks with motion detection is determined;

calculating a fraction of video blocks having motion;

if the fraction is below a low threshold value, then no motion is detected for the current video frame;

if the fraction is above the low threshold value, then determine if the fraction is below a medium threshold value;

if the fraction is below the medium threshold value, then perform a slight response, log [the motion and log the first 12 images having motion]<u>subsequent images</u>;

if the fraction is above the medium threshold value, then determine if fraction is below a high threshold value;

if the fraction is below the high threshold value, then perform a moderate response, log [the motion and log the first 12 images having motion]<u>subsequent images</u>;

if the fraction is above the high threshold value, then perform a severe response, log [the motion and log the first 12 images with motion]subsequent images.

26. (Previously Presented) The method of Claim 25, wherein the slight response is selected from the group consisting of transmitting a first email notification to an address determined by the host user, sounding an audible alert, originating a phone call to a first number determined by the host user, and initiating predetermined control of external hardware.

27. (Previously Presented) The method of Claim 25, wherein the moderate response is selected from the group consisting of transmitting a first email notification to an address determined by the host user, sounding an audible alert, originating a phone call to a first number determined by the host user, initiating predetermined control of external hardware, transmitting a second email message indicating the detected motion lies within the second range, and initiating a second predetermined phone message directed to a phone number determined by the host user.

28. (Previously Presented) The method of Claim 25, wherein the severe response is selected from the group consisting of transmitting a third email message to a predetermined address, originating a phone call with a "severe" message to a predetermined phone number, originating a phone call to a predetermined emergency phone number, and controlling external hardware associated with severe responses.

29. (Previously Presented) The method of Claim 25, wherein the logged images are time stamped.

30. (Previously Presented) The method of claim 4, further comprising transmitting the module to the client computer via the network.

31. (Previously Presented) The method of claim 4, wherein said media data comprises recorded media data.

32. (Previously Presented) A method of distributing multimedia data to a remote client computer via a network, the method comprising:

receiving a request for an applet from the client computer via the network;

transmitting a Java module to the client computer via the network;

receiving a client computer specific parameter from the Java module on the client computer; and

streaming multimedia data to the client computer via the network according to the client computer specific parameter.

33. (Previously Presented) The method of claim 32, further comprising launching the Java module on the client computer via the network.

34. (Previously Presented) The method of Claim 32, wherein the client computer specific parameter is selected from the group consisting of video source selection, frame rate, compression level, image resolution, image brightness, image contrast, and image view.

35. (Previously Presented) The method of Claim 32, wherein the multimedia data stream is sent to the client computer while another multimedia data stream is sent to another client at an independent rate according to a client specific parameter for said another client.

36. (Previously Presented) The method of claim 32, wherein said multimedia comprises recorded multimedia data.

37. – 74. Cancelled.